

Earthdata UTC Meeting 8.19.2014

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

EMS Data Recovery Status:

- All FY14 Ingest and Archive data is available in EMS OPS. We are asking each of the data providers to check these metrics and let the EMS Team know if you find any discrepancies. Thank you to all the data providers who have already reviewed and provided feedback.
- FY14 Distribution Metrics: Currently, March 2014 – present is available. February 2014 data will be available by/before COB tomorrow. It is anticipated that all FY14 Distribution metrics will be available for review by early next week.
- Remaining data recovery: This effort is underway and we will provide an updated status on this effort by the next UTC meeting.

3. URS

- **URS Integration Information on SSO and the API's can be found under:** [EOSDIS User Registration System](#)
 - Java SSO and API servlet based examples now available.
- **DAAC On-boarding Status and Integration Schedule can be found under:** [Component Integration Status](#)
- **URS4 Development**

Upcoming URS4 Features (Sprint 2.28, release 4.12)

- Customization of Authorization page with DAAC specific logo and additional text.
- Ability to test for the presence of an email address

Recently Delivered URS4 Features (Currently available in Production):

- Application level control over redirection page
- SSO support for cURL and wget users
- Capability for client applications to query URS and obtain profiles of those users who had previously authorized them to access their profiles.
- Capability for an application to always require user log-in (e.g. for ASTER DAR tool).
- Apache-based URS-4 Plug-in Authentication module

If you have problem seeing the links above, please contact [Peter Smith](#)

Request for Feedback: URS Field Deprecation Impacts

- Looking at potential impacts for deprecating "Address" and "User Type" fields from URS
- Please review ordering systems and other integration points for dependencies on these fields

4. Earthdata

- 1. Attendance
- 2. EMS Status
 - EMS Data Recovery Status:
- 3. URS
- 4. Earthdata
- 5. Coming Soon: GIBS
- 6. ECHO
 - ECHO System Status
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 - ECHO Discussion Topics/Reminders
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- Reminder: Please file all issues with SSO and Atlassian tools through the support system, <https://support.earthdata.nasa.gov/> or support@earthdata.nasa.gov

5. Coming Soon: GIBS

GIBS will be participating in this meeting periodically to provide status.

6. ECHO

ECHO System Status

System Issues

- 8/7-9 [numerous Operational Reverb outages](#) due to google-bot crawling granule resources.
- 8/14 3 minute [Operational Reverb outage](#) due to multiple concurrent timeline queries.

Recent Metrics

▼ [Click here to expand...](#)

TBD

ECHO Release Status

▼ [In Operations: 10.80](#)

(3 week sprint, ended 6/20, deployed to operations 7/30)

Number	Product	Summary	Status
11012006	Reverb	ECHO: "Services Available" Button Functionality	Closed
11014402	Catalog REST	Dataset reconciliation requests inefficient	Closed
11014503	Backported from 10.81	Add availability endpoint for echo-rest and catalog-rest	Fixed
11014534	Reverb	Reverb 10.75: Granule results are not displayed when using IE8	Closed
11014571	ECHO Kernel	ECHO resubmits orders repeatedly to EWOC.	Closed
11014574	Reverb	ECHO/Reverb 10.77.1 displays "Not Provided" for SMAP collection Archive Center	Closed
11014607	Catalog REST	Sporadic 500 errors due to being unable to obtain database connections in catalog-rest in operations	Closed

11014608	Catalog REST	Polygon points for the same granule in echo10 and atom format are different.	Closed
11014611	Reverb	NRT Hover Tip is MODIS Specific	Closed
11014626	Reverb	Merging of shopping carts broken by URS changes in reverb	Closed
11014651	Reverb	Reverb datasets fail to load on initial sign on	Closed
11014700	Backported from 10.81	Intermittent race condition with new URS users in reverb	Closed
11014703	Backported from 10.81	Incorrect token length in AccessControlService GetAclsByType SOAP API	Needs Customer Verification (GSFCS4 PA)

✓ In Test: 10.81

(3 week sprint, ended 7/11, pushing to operations 8/20)

Number	Product	Summary	Status
11013378	Reverb	ECHO:Reverb: New AST_L1A order options line should be added as last option	Fixed
11013621	Reverb	OPS:Reverb: Additional Attributes Search does not appear to work as expected	Closed
11014315	ECHO	Add ISO ingest support for GRACE Metadata from PO.DAAC	Fixed
11014337	Catalog REST	Ensure that GRACE ISO can be translated to ECHO10 and then MENDS ISO	Fixed
11014568	Reverb	ECHO: Several ASTER order submitted in "validated" status because user did not click on the submit order button	Fixed
11014581	Catalog REST	Add Support for DIF parent collections for granules	Fixed
11014584	Ingest	Remove ability to ingest browse imagery to be hosted by ECHO	Fixed
11014606	ECHO	Update ECHO10 to ISO Translation	Fixed
11014619	ECHO	Add MetadataStandardName and MetadataStandardVersion elements to ECHO10 schema	Fixed

11014636	ECHO	SMAP VersionID needs to be extracted from new location in ISO metadata files	Fixed
11014641	Reverb	Invalid Search Term Causes Invalid Output on IE9	Fixed
11014642	Catalog REST	catalog-rest /granules/timeline route should accept POSTs similar /granules and /datasets	Fixed
11014644	Reverb	IE 9 2D Coordinate Spatial Search issues	Fixed
11014649	Reverb	Loading datasets spinner remains active once loading complete for IE9	Fixed
11014650	Reverb	Reverb Science Keyword selection not loading for IE 9	Fixed
11014663	Reverb	Reverb does not properly handle ESI request status of 'complete_with_errors'	Fixed
11014671	Backported to 10.79	searches fail with new URS users created after switch to SSO	Closed
11014672	Reverb	Sign in link in reverb order page needs to be updated to point to URS sign in page.	Fixed
11014689	Reverb	Error on Reverb order page when user has 'OTHER' as their affiliation	Fixed
11014695	Reverb	ESI status display in reverb should show messages regardless of status	Fixed
11014699	Reverb	ASTER order workflow breaks for non AST_L1A granules	Fixed
11014700	Backported to 10.79	Intermittent race condition with new URS users in reverb	Closed
11014703	Backported to 10.79	Incorrect token length in AccessControlService GetAclsByType SOAP API	Needs Customer Verification (GSFCS4 PA)

✓ In Test: 10.82 (testbed)

(3 week sprint, ended 8/1, pushed to testbed 8/4)

Number	Product	Summary	Status
11014503	REST API	Add availability endpoint for echo-rest and catalog-rest	Fixed

11014510	Catalog REST	Catalog REST json format should return enough information to render spatial for orbit granules	Fixed
11014654	Reverb	Poor performance for really complex ECHO forms	Fixed
11014655	Reverb	Add a tree control to ECHO forms	Fixed
11014666	Reverb	In IE9, Reverb not showing Subsetting Options when ordering a granule	Fixed
11014674	Reverb	"Show Additional Information" shows nothing in Reverb Dataset "Info" box for DIF datasets.	Fixed
11014702	Reverb	Granule additional info does not load	Fixed
11014707	ECHO Kernel	ECHO kernel should check local user db table when running in torquebox locally	Fixed
11014708	Catalog REST	ECHO does not handle underscores in URS application IDs correctly	Fixed

▼ In Development: 10.83

(3 week sprint, ending 8/22)

Number	Product	Summary	Status
11011935	Reverb	Reverb is messing up a little on the annual searches	Open
11012024	Reverb	Ordering button should be disabled if no items are order-able	Fixed
11014532	Reverb	ECHO/Reverb 10.75.7. Datasets found but not displayed in Partner Test Reverb.	Open
11014537	ECHO	ECHO/Reverb 10.75.9. Cache not refreshing in PT Reverb	Open
11014570	ECHO	ECHO: PUMP: Add "Definition Name" column to Option Assignment page and Data Quality Summary Assignments page	Re-opened
11014575	Reverb	Remove the Order ID: lookup from the Order Status Page.	Re-opened

11014673	Reverb	Reverb 10.79. Reverb is incorrectly rendering Archive Center for ISO products	Open
11014686	Reverb	Save results to csv when searching by Granule ID gives 2000 granules, not the ones searched for.	Open
11014687	Reverb	Save results to kml when searching by Granule ID gives 2000 granules, not the ones searched for.	Open
11014688	Documentation	Update catalog-rest granule search documentation to include ".kml" as a format.	Open
11014696	Catalog REST	Enhance the support for ECHO10 granule ingest for DIF collections	Open
11014717	ECHO	UMM-C: Add Product Flag Element to ECHO10 schema	New
11014722	Reverb	signing out of reverb should also sign out of URS	New
11014724	ECHO	Catalog-Rest returns REST_CONFLICT error on ingesting SMAP ISO data	New

ECHO Discussion Topics/Reminders

Reminder: ECHO Development Priorities

Focusing on CMR features and enhancements while maintaining ECHO, Reverb development continues as previous, relying on DAAC priority lists

Second Notice: Product Flag element being added to ECHO10 Schema (NCR 11014717)

This new field will not be required by the schema at this time, but is being added in preparation for the CMR and is a required element in the UMM-C. This field is used by EMS to indicate the type of product, This field has several possible values and is controlled by the following enumerated type:

```

<xs:element minOccurs="0" name="ProductFlag">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration
value="DATA_PRODUCT_FILE" />
      <xs:enumeration
value="INSTRUMENT_ANCILLARY_FILE" />
      <xs:enumeration
value="SYSTEM/SPACECRAFT_FILE" />
      <xs:enumeration value="EXTERNAL_DATA" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

Some more information, provided by EMS, from the [UMM-C Document](#) (still in review and revision):

The purpose of the ProductFlag is to identify the primary responsibility of data providers for the data products archive/generation and distribution, meaning which products they produce/distribute and which products they receive from other data providers required as inputs for the data processing. For example, when GMAO products are produced and distributed by GMAO then all the products are considered to be primary standard products. If GMAO sends one of the GMAO products to LaRC as input data for processing of a CERES product then the GMAO product at LaRC will be considered as External Ancillary data product. Therefore the External Ancillary is the data that is external to the data provider and is required for the processing of the data products.

Second Notice: UUID Attributes to be added to several ECHO10 elements

In the next sprint, we will be adding **optional** uuid attributes to several ECHO10 schema elements. These will be added in preparation for the CMR. Here is the preliminary list of fields to be affected:

- ScienceKeyword
- Platform
- Instrument
- Campaign
- OnlineResource/Type
- MetadataStandardName
- ProcessingLevelId
- ArchiveCenter
- ProcessingCenter
- Contact/OrganizationName
- SpatialKeyword

This will bring ECHO10 metadata more in-line with the current method of using controlled vocabulary in the DIF. For example, here is a ScienceKeyword from a DIF record:

```
<Parameters
uuid="acb52274-6c0d-4241-a979-3fa3efca6702">
  <Category>EARTH SCIENCE</Category>
  <Topic>ATMOSPHERE</Topic>
  <Term>CLOUDS</Term>
  <Variable_Level_1>CLOUD
PROPERTIES</Variable_Level_1>
  <Variable_Level_2>CLOUD
FREQUENCY</Variable_Level_2>
  <Detailed_Variable>EFFECTIVE CLOUD
FRACTION</Detailed_Variable>
</Parameters>
```

Where the uuid 'acb52274-6c0d-4241-a979-3fa3efca6702' is from the GCMD KMS system corresponding to "CLOUD FREQUENCY":

<http://gcmdservices.gsfc.nasa.gov/kms/concept/acb52274-6c0d-4241-a979-3fa3efca6702>

These changes should not impact you at this time! They are merely part of the CMR preparation efforts.

ECHO Upcoming Events

Planned Maintenance

- 08/20 10.81 to Operations
- 08/27 10.82 to Partner Test
- 09/10 10.82 to Operations

7. Open Floor

Release Calendar

Team Calendars
